



| <b>ANALYTICAL CHARGES</b>                         |                    |                    |  |                    |  |  |
|---|--------------------|--------------------|--|--------------------|--|--|
| Detection limits in (ppm) unless otherwise stated |                    |                    |  |                    |  |  |
| <b>ANALYTES</b>                                   |                    |                    | <b>METHOD DESCRIPTION</b>                                | <b>METHOD CODE</b> |  |  |
| <b>Au</b> (0.001)                                 | <b>Pt</b> (0.0005) | <b>Pd</b> (0.001)  | Up to 30g fire assay, ICPMS finish                       | PGM-MS23           |  |  |
| <b>Ag</b> (0.01)                                  | <b>Hf</b> (0.1)    | <b>Sb</b> (0.05)   | Multi acid digest with HF, ICPAES and ICPMS finish.      | ME-MS61            |  |  |
| <b>Al</b> (0.01%)                                 | <b>In</b> (0.005)  | <b>Sc</b> (0.1)    |  |                    |  |  |
| <b>As</b> (0.2)                                   | <b>K</b> (0.01%)   | <b>Se</b> (1)      |  |                    |  |  |
| <b>Ba</b> (10)                                    | <b>La</b> (0.5)    | <b>Sn</b> (0.2)    |  |                    |  |  |
| <b>Be</b> (0.05)                                  | <b>Li</b> (0.2)    | <b>Sr</b> (0.2)    |  |                    |  |  |
| <b>Bi</b> (0.01)                                  | <b>Mg</b> (0.01%)  | <b>Ta</b> (0.05)   |  |                    |  |  |
| <b>Ca</b> (0.01%)                                 | <b>Mn</b> (5)      | <b>Te</b> (0.05)   |  |                    |  |  |
| <b>Cd</b> (0.02)                                  | <b>Mo</b> (0.05)   | <b>Th</b> (0.2)    |  |                    |  |  |
| <b>Ce</b> (0.01)                                  | <b>Na</b> (0.01%)  | <b>Ti</b> (0.005%) |  |                    |  |  |
| <b>Co</b> (0.1)                                   | <b>Nb</b> (0.1)    | <b>Tl</b> (0.02)   |  |                    |  |  |
| <b>Cr</b> (1)                                     | <b>Ni</b> (0.2)    | <b>U</b> (0.1)     |  |                    |  |  |
| <b>Cs</b> (0.05)                                  | <b>P</b> (10)      | <b>V</b> (1)       |  |                    |  |  |
| <b>Cu</b> (0.2)                                   | <b>Pb</b> (0.5)    | <b>W</b> (0.1)     |  |                    |  |  |
| <b>Fe</b> (0.01%)                                 | <b>Rb</b> (0.1)    | <b>Y</b> (0.1)     |  |                    |  |  |
| <b>Ga</b> (0.05)                                  | <b>Re</b> (0.002)  | <b>Zn</b> (2)      |  |                    |  |  |
| <b>Ge</b> (0.05)                                  | <b>S</b> (0.01%)   | <b>Zr</b> (0.5)    |  |                    |  |  |
| <b>Ag</b> (0.01)                                  | <b>Hf</b> (0.1)    | <b>Sb</b> (0.05)   |  |                    |  |  |
| <b>Al</b> (0.01%)                                 | <b>In</b> (0.005)  | <b>Sc</b> (0.1)    |  |                    |  |  |
| <b>As</b> (0.2)                                   | <b>K</b> (0.01%)   | <b>Se</b> (1)      |  |                    |  |  |
| <b>Ba</b> (10)                                    | <b>La</b> (0.5)    | <b>Sn</b> (0.2)    |  |                    |  |  |
| <b>Be</b> (0.05)                                  | <b>Li</b> (0.2)    | <b>Sr</b> (0.2)    |  |                    |  |  |
| <b>Bi</b> (0.01)                                  | <b>Mg</b> (0.01%)  | <b>Ta</b> (0.05)   |  |                    |  |  |
| <b>Ca</b> (0.01%)                                 | <b>Mn</b> (5)      | <b>Te</b> (0.05)   |  |                    |  |  |
| <b>Cd</b> (0.02)                                  | <b>Mo</b> (0.05)   | <b>Th</b> (0.2)    |  |                    |  |  |
| <b>Ce</b> (0.01)                                  | <b>Na</b> (0.01%)  | <b>Ti</b> (0.005%) |  |                    |  |  |
| <b>Co</b> (0.1)                                   | <b>Nb</b> (0.1)    | <b>Tl</b> (0.02)   |  |                    |  |  |
| <b>Cr</b> (1)                                     | <b>Ni</b> (0.2)    | <b>U</b> (0.1)     |  |                    |  |  |
| <b>Cs</b> (0.05)                                  | <b>P</b> (10)      | <b>V</b> (1)       |  |                    |  |  |
| <b>Cu</b> (0.2)                                   | <b>Pb</b> (0.5)    | <b>W</b> (0.1)     |  |                    |  |  |
| <b>Fe</b> (0.01%)                                 | <b>Rb</b> (0.1)    | <b>Y</b> (0.1)     |  |                    |  |  |
| <b>Ga</b> (0.05)                                  | <b>Re</b> (0.002)  | <b>Zn</b> (2)      |  |                    |  |  |
| <b>Ge</b> (0.05)                                  | <b>S</b> (0.01%)   | <b>Zr</b> (0.5)    |  |                    |  |  |
| <b>Dy</b> (0.05)                                  | <b>Ho</b> (0.01)   | <b>Sm</b> (0.03)   |  |                    |  |  |
| <b>Er</b> (0.03)                                  | <b>Lu</b> (0.01)   | <b>Tb</b> (0.01)   |  |                    |  |  |
| <b>Eu</b> (0.03)                                  | <b>Nd</b> (0.1)    | <b>Tm</b> (0.01)   |  |                    |  |  |
| <b>Gd</b> (0.05)                                  | <b>Pr</b> (0.03)   | <b>Yb</b> (0.03)   |  |                    |  |  |
|   |                    |                    |  |                    |  |  |
| <b>Ag</b> (1)                                     | <b>K</b> (0.01%)   | <b>Sb</b> (0.002%) | Ore Grade Elements by Four Acid Digestion, ICPAES finish | ME-OG62            |  |  |
| <b>Al</b> (0.01%)                                 | <b>Mg</b> (0.01%)  | <b>Sc</b> (1)      |  |                    |  |  |
| <b>As</b> (0.001%)                                | <b>Mn</b> (0.01%)  | <b>Sr</b> (0.01%)  |  |                    |  |  |
| <b>Bi</b> (0.001%)                                | <b>Mo</b> (0.001%) | <b>U</b> (50)      |  |                    |  |  |
| <b>Cd</b> (0.0001%)                               | <b>Na</b> (0.01%)  | <b>V</b> (10)      |  |                    |  |  |
| <b>Co</b> (0.001%)                                | <b>Ni</b> (0.01%)  | <b>W</b> (80)      |  |                    |  |  |
| <b>Cr</b> (0.002%)                                | <b>P</b> (80)      | <b>Zn</b> (0.001%) |  |                    |  |  |
| <b>Cu</b> (0.001%)                                | <b>Pb</b> (0.002%) |                    |  |                    |  |  |
| <b>Fe</b> (0.01%)                                 | <b>S</b> (0.01%)   |                    |  |                    |  |  |
|   |                    |                    |  |                    |  |  |